

April 21, 2025  
Yazaki Corporation

## Exhibiting at Automotive Engineering Exposition 2025 YOKOHAMA Displaying innovative products and technologies that support the development of next-generation mobility

Yazaki Corporation (Head Office: Minato-ku, Tokyo; President: Riku Yazaki) will exhibit at Automotive Engineering Exposition 2025 YOKOHAMA to be held at Pacifico Yokohama (Nishi-ku, Yokohama City, Kanagawa Prefecture) from Wednesday May 21 to Friday May 23.

In recent years, the automotive industry has been undergoing a period of rapid transformation, such as electrification, autonomous driving technology, and the evolution of connected cars. In particular, the rise of software-defined vehicles (SDVs) has led to software-centered vehicle development, which is significantly changing the functionality and value of automobiles. These changes are driving demand for fundamental technologies that support next-generation mobility, such as high-voltage technologies, high-speed communication technologies, and technologies that reduce the impact on the environment. We provide solutions for the realization of next-generation mobility by leveraging our long-standing expertise in “connecting technologies,” including automotive wiring harnesses and meters. We have set “Connecting Technologies, Creating the Future” as our exhibition concept, and will introduce innovative products and technologies that support the development of next-generation mobility.



### < Exhibition Themes and Main Exhibits >

#### ■ YAZAKI Solution Mock-up

- Installed products (partial list)
- [1] High-voltage products including bus bars and wireless CCS<sup>1</sup>
- [2] Illuminated inlets, interior lighting
- [3] Communication products including high-speed communication lines
- [4] HMI products (meters, HUD, agent systems)



As one possibility for the future, the YAZAKI Solution Mock-up is a visualization of how power, communication, and information inside and outside the car work via wiring harnesses, ECUs, sensors, etc., and how information is transmitted to the occupants, when the car is operating. We provide safe, secure, and comfortable infrastructure that supports the improved performance of future mobility, and connect means of mobility, people with mobility, and mobility with society.

<sup>1</sup>CCS: Abbreviation of cell contacting system

## ■Battery reuse technology “B▽TTERFLY®”

Electric vehicles are becoming increasingly popular in order to realize a global decarbonized society, however the proper disposal, including recycling and reuse, of used vehicle-mounted batteries has become a major issue. In particular, vehicle-mounted batteries that have been used in various environments are difficult to reuse due to their varying states of deterioration, and efficient ways of utilizing them are needed. In order to solve this social issue, we have been developing “B▽TTERFLY®,” a product for reusable energy storage systems that uses proprietary algorithms and control technology.

Demonstration testing began in January 2025 in Susono City, Shizuoka Prefecture, to confirm its technical feasibility and operational performance.

(1) Effectiveness of proprietary algorithms

(2) Battery abnormality detection and control function

We are focusing on verifying the above two points, and are proceeding with data acquisition toward its practical application, with the aim being its practical use in energy storage systems for industrial use, and power grids, etc. Going forward, we will continue to develop technologies that contribute to the realization of a sustainable society.



We are looking forward to interacting with automotive manufacturers, automotive suppliers, and potential new collaborators, as well as with the media. Our booth will be staffed by specialists who will be available to discuss directly with you solutions to your issues or new projects.

We look forward to seeing you at the exposition. Please stop by.

### Overview of Automotive Engineering Exposition 2025 YOKOHAMA

[Venues and Dates]

■ ONLINE STAGE 1 (online exposition site)  
Wednesday May 14 to Wednesday June 4, 2025

■ Pacifico Yokohama  
Wednesday May 21 to Friday May 23, 2025

[Sponsor] Society of Automotive Engineers of Japan, Inc.

[URL] <https://aee.expo-info.jsae.or.jp/en/yokohama/>

### Contact for inquiries regarding this matter

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